

1 ABSTRACT

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3 **LOCATION PATTERNS AND METHODS AND APPARATUS FOR**  
4 **GENERATING SUCH PATTERNS**

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6 A printer system comprising a printer adapted to print a location  
7 pattern comprising a plurality of dots, each having a substantially  
8 predetermined size and nominal position in the pattern, the printer  
9 having a resolution constraining the position at which the dots may  
10 be printed, the system being adapted to modify at least some of the  
11 dots prior to printing such that the modified dots have an optical  
12 centre of gravity that more closely coincides with their nominal  
13 positions.